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**ENVIRO
CHECK**

2211 West Orangewood Avenue
Orange, CA 92868
Tel: (714) 937-0750
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www.envirocheck.com
(800) 665-7586



Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District
Attention: 351 South Hudson Avenue
Pasadena, CA 91109

Job Location: Norma Coombs Elementary
2600 Paloma Street
Pasadena, CA 91107

Lab ID	1525010707	1525010708	1525010709	1525010710	1525010711	1525010712	1525010713	1525010714	1525010715	1525010716
Sample #	1	2	3	4	5	6	7	8	9	10
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Micro-vac, Tape-lift	Wipe, Tape-lift	Micro-vac, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift
Soot (Black Carbon)	N.D.	N.D.	N.D.	N.D.	<1%	N.D.	N.D.	N.D.	N.D.	N.D.
Char (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
pH	7.23	7.44	7.22	7.32	7.21	6.79	7.21	6.69	7.28	7.23
Location	Building F Learn Office Desk Top	Classroom P3 2nd Row Fourth Desk Top	Classroom P1 Paper Towel Dispenser by Door	Building D, Room 22 Top of Keyboard	Building D, Room 21 Countertop by Door	Building D, Principal Office Floor By Desk	Building D, Administration Office File Cabinet by Window	Building E, Room 17 Recliner Cushion	Building E, Room 20 East Window Sill	Building A, Room 9 Bookshelf by Door

Notes										
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Components:

Fibrous Material	x	x	x	x	x	x	x	x	x	x
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rubber										
Rust/Metal Flakes									x	
Other										

Sampled: 01/22/2025 Received: 01/23/2025 Analyzed: 01/23/2025 Report: 01/23/2025

Analysts: *Russell Chhith* *Arturo Valdez* Admin QC: MS Lab QC: EE

Samples were analyzed in accordance with ASTM D6602-13: Standard Practice for Sampling & Testing of Possible Carbon Black Fugitive Emissions or Other Environmental Particulate, or Both (modified). Limit of Detection (LOD) is 1.0% and Limit of Quantification (LOQ) is 1.0%. Combustion By-Product (CBP) percentage obtained through calibrated visual estimation (CVE). Char and ash are visually estimated by polarized light microscopy, material transmitted light, and reflected light microscopy analysis, whereas soot is confirmed and visually estimated by TEM (Transmission Electron Microscopy) analysis. The TEM is equipped with an EDS (energy dispersive x-ray spectroscope) for soot elemental composition. *(Soot is presumptive for samples which consist of Tape-lifts only.) The pH is measured to two decimal places via a calibrated pH meter. All samples are disposed of after 30 days unless the customer requests otherwise. Test results apply to the sample as received. Results are not blank corrected. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA or any agency of the U.S. Government.



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Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District
 Attention: 351 South Hudson Avenue
 Pasadena, CA 91109

Job Location: Norma Coombs Elementary
 2600 Paloma Street
 Pasadena, CA 91107

Lab ID	1525010717	1525010718	1525010719	1525010720	1525010721	1525010722	1525010723	1525010724	1525010725	1525010726
Sample #	11	12	13	14	15	16	17	18	19	20
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Micro-vac, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift
Soot (Black Carbon)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Char (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
pH	7.23	7.47	7.335	6.86	6.84	7.27	7.16	7.15	7.25	7.35
Location	Building A, Room 10 Sink Countertop	Building A, Room 12 Inside Raksha's Basket	Building A, Room 14 Top of Stacked Laptops	Building A, Room 15 Northwest Corner Area Rug	Building A, Room 16 Teacher's Desk Top	Building B, Room 5 Small Desk Top	Building B, Room 6, Row 4, Second Desk Top	Building B, Room 8 Top of Blue Bookcase	Building C, Room B Desk Top	Building C, Room C Table Top by Door

Notes										
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Components:

Fibrous Material	x	x	x	x	x	x	x	x	x	x
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rubber										
Rust/Metal Flakes					x					
Other										

Samples were analyzed in accordance with ASTM D6602-13: Standard Practice for Sampling & Testing of Possible Carbon Black Fugitive Emissions or Other Environmental Particulate, or Both (modified). Limit of Detection (LOD) is 1.0% and Limit of Quantification (LOQ) is 1.0%. Combustion By-Product (CBP) percentage obtained through calibrated visual estimation (CVE). Char and ash are visually estimated by polarized light microscopy, material transmitted light, and reflected light microscopy analysis, whereas soot is confirmed and visually estimated by TEM (Transmission Electron Microscopy) analysis. The TEM is equipped with an EDS (energy dispersive x-ray spectroscope) for soot elemental composition. *(Soot is presumptive for samples which consist of Tape-lifts only.) The pH is measured to two decimal places via a calibrated pH meter. All samples are disposed of after 30 days unless the customer requests otherwise. Test results apply to the sample as received. Results are not blank corrected. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA or any agency of the U.S. Government.



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Job Location: Norma Coombs Elementary
 2600 Paloma Street
 Pasadena, CA 91107

Lab ID	1525010727	1525010728	1525010729	1525010730	1525010731	1525010732	1525010733	1525010734	1525010735	1525010736
Sample #	21	22	23	24	25	26	27	28	29	30
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Micro-vac, Tape-lift	Micro-vac, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift
Soot (Black Carbon)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Char (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
pH	7.35	7.52	7.07	6.42	6.53	6.98	7.37	7.30	7.20	7.21
Location	Building C, Room 1 Bookshelf by Window	Building C, Room 3, Center Row Third Desk	Building C, Room 4 Teacher's Desk Top	Building G, Auditorium Seat F-8	Building G, Auditorium South Steps	Building G, Auditorium Grand Piano Top	Building G, Auditorium Back Storage Countertop	Building H, Cafeteria Servery Countertop	Building H, Dining Area Table Top	Building H, Cafeteria Scullery Table Top

Notes										
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Components:

Fibrous Material	X	X	X	X	X	X	X	X	X	X
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rubber										
Rust/Metal Flakes				X	X	X				
Other				X	X		X			

Samples were analyzed in accordance with ASTM D6602-13: Standard Practice for Sampling & Testing of Possible Carbon Black Fugitive Emissions or Other Environmental Particulate, or Both (modified). Limit of Detection (LOD) is 1.0% and Limit of Quantification (LOQ) is 1.0%. Combustion By-Product (CBP) percentage obtained through calibrated visual estimation (CVE). Char and ash are visually estimated by polarized light microscopy, material transmitted light, and reflected light microscopy analysis, whereas soot is confirmed and visually estimated by TEM (Transmission Electron Microscopy) analysis. The TEM is equipped with an EDS (energy dispersive x-ray spectroscope) for soot elemental composition. *(Soot is presumptive for samples which consist of Tape-lifts only.) The pH is measured to two decimal places via a calibrated pH meter. All samples are disposed of after 30 days unless the customer requests otherwise. Test results apply to the sample as received. Results are not blank corrected. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA or any agency of the U.S. Government.